



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shawn DeFrees and Karl Johnson

Application No.: 09/442,111

Filed: November 17, 1999

For: LOW COST MANUFACTURE OF
OLIGOSACCHARIDES

Art Unit: 1616

RESPONSE

#10
1.93
5/23/01

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This submission is in response to the Restriction Requirement mailed January 16, 2001 setting forth a one month period for response thereby making a due date of February 16, 2001. Applicants submit herewith a Petition for Extension of Time extending the due date from February 16, 2001 to March 16, 2001.

REMARKS

The Examiner requires Restriction to one of the following inventions under 35 U.S.C. 121:

- I. Claim 4, drawn to a reaction mixture comprising a plant or microorganism cell that produces a fucosyltransferase, classified in class 435, subclass 193.
- II. Claims 5, 12, 13, and 22, drawn to a reaction mixture comprising a plant or microorganism cell that produces a sialyltransferase, classified in class 435, subclass 193.
- III. Claim 14, 15, 19-21, 23, 29, 30, and 32-37, drawn to a reaction mixture comprising a plant or microorganism cell that produces a β 1,4-GalNAc transferase, classified in class 435, subclass 193.

MAY 18 2001

TRADEMARK OFFICE

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/442,111
Filing Date	November 17, 1999
First Named Inventor	DeFrees, Shawn
Examiner Name	C. Fronda
Group Art Unit	1652
Attorney Docket No.	019957-013820

RECEIVED**MAY 23 2001****TECH CENTER 1600/2900****TOTAL AMOUNT OF PAYMENT** (\$) 890.00**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	890.00
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	J. David Smith	Registration No. Attorney/Agent)	39,839	Telephone	(415) 576-0200
Signature	<i>J. David Smith</i>			Date	May 16, 2001

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Assistant Commissioner for Patents
Washington, D.C. 20231

on May 15, 2001.
Date

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MAY 23 2001

TECH CENTER 1600/2900

Signature

Sylvia E. Arnold

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Response
Petition for Extension of Time (3 months)
Fee Transmittal